

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(REV. 7-80) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)

DATE MAILED: July 29, 2003

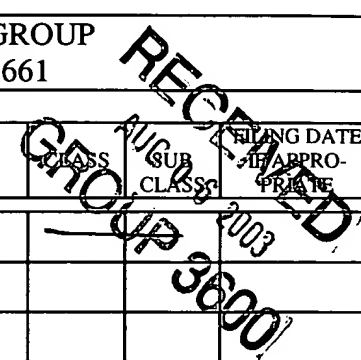
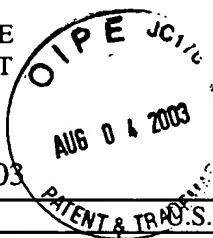
ATTY. DOCKET NO.  
000391

SERIAL NO.  
09/954,699

APPLICANT  
Jeremy Stein

FILING DATE  
September 14, 2001

GROUP  
3661



| U.S. PATENT DOCUMENTS |           |                 |   |   |   |   |   |   |          |             |       |              |
|-----------------------|-----------|-----------------|---|---|---|---|---|---|----------|-------------|-------|--------------|
| EXAMINER<br>INITIAL   | Ref<br>No | DOCUMENT NUMBER |   |   |   |   |   |   | DATE     | NAME        | CLASS | SUB<br>CLASS |
| S.T.                  | A1        | 6               | 1 | 8 | 4 | 8 | 2 | 9 | 02/06/01 | Louis Stilp |       |              |
|                       | A2        |                 |   |   |   |   |   |   |          |             |       |              |
|                       | A3        |                 |   |   |   |   |   |   |          |             |       |              |
|                       | A4        |                 |   |   |   |   |   |   |          |             |       |              |
|                       | A5        |                 |   |   |   |   |   |   |          |             |       |              |

#### FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL | Ref<br>No | DOCUMENT NUMBER |   |   |   |   |   |   | DATE     | COUNTRY | NAME                | CLASS | SUB<br>CLASS |
|---------------------|-----------|-----------------|---|---|---|---|---|---|----------|---------|---------------------|-------|--------------|
| S.T.                | B1        | 1               | 0 | 1 | 4 | 1 | 0 | 3 | 06/28/00 | EP      | Lucent Technologies |       |              |
|                     | B2        |                 |   |   |   |   |   |   |          |         |                     |       |              |
|                     | B3        |                 |   |   |   |   |   |   |          |         |                     |       |              |
|                     | B4        |                 |   |   |   |   |   |   |          |         |                     |       |              |
|                     | B5        |                 |   |   |   |   |   |   |          |         |                     |       |              |
|                     | B6        |                 |   |   |   |   |   |   |          |         |                     |       |              |
|                     | B7        |                 |   |   |   |   |   |   |          |         |                     |       |              |

#### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

|   |    |  |
|---|----|--|
| S.T.  | C1 | James Caffery Jr. et al. May 1998, Subscriber Location in CDMA Cellular Networks IEEE Vol. 47 , No. 2, pp 406-416.                               |
| S.T.  | C2 | G. D. Morley et al. August 31, 1995, Improved Location Estimation with Pulse-Ranging In Presence of Shadowing and Multipath Excess-Delay Effects |
|   | C3 |  |
|   |    |  |
| EXAMINER <b>SONNY TRINH</b><br><b>PRIMARY EXAMINER</b> S.T.   |    |  |
| DATE CONSIDERED 6-2004  |    |  |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |  |